

ABSTRACT OF THE DISCLOSURE

A long sheet polarizer which has a transmission axis neither parallel nor perpendicular to the longitudinal direction and thereby can increase a yield rate in stamping and simplify the stamping process; a method of producing a long sheet polarizer comprising a step of coating a long transparent substrate with a polymer layer, a step of subjecting the polymer layer to a rubbing treatment, and a step of adsorbing iodine or a dichroic dye to the rubbed polymer layer to bring about a state of orientation; a sheet polarizer comprising two transparent substrates and a polarization layer sandwiched between them, wherein the polarization layer comprises a polyvinyl alcohol film stretched at an oblique angle ranging from 10 to 80 degrees and a polarizing element adsorbed to the film in an oriented state; and a sheet polarizer provided with at least one transparent substrate satisfying the following relations at any of wavelengths ranging from 380 nm to 780 nm:

$$-10 \leq (n_x - n_y) \times d \leq 10$$

$$0 \leq \{(n_x + n_y)/2 - n_z\} \times d \leq 40$$

wherein d represents a thickness of the transparent substrate, each n represents a refractive index, x represents the machine direction of the transparent substrate, y represents the transverse direction of the transparent substrate, and z represents the thickness direction of the transparent substrate.